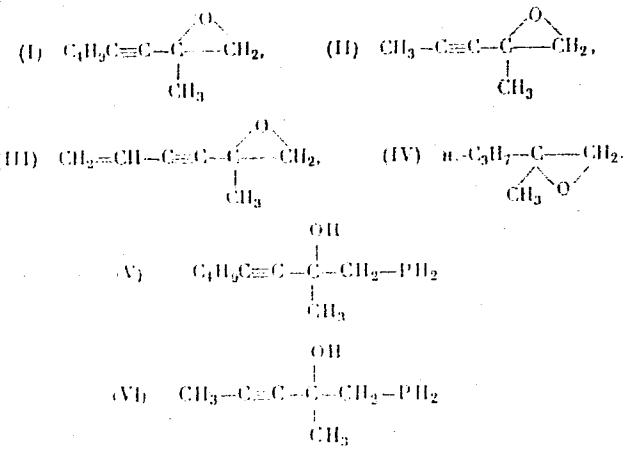


Reaction of Hydrogen Phosphide With
Acetylenic α -Oxides

78259
SOV/79-30-3-13/69

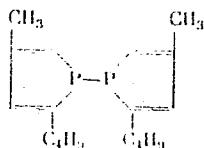


Card 2/4

Reaction of Hydrogen Phosphide With
Acetylenic α -Oxides

78259
SOV/79-30-3-13/69

2-methyl-1,2-epoxy-5-hexen-3-yne (III) reacted readily with NaPH₂ but the reaction product polymerized completely. 2-methyl-1,3-epoxypentane (IV) in 50 hr stirring with NaPH₂ gave only traces of 2-methyl-2-hydroxy-pentyl phosphine. IR spectra of the hydroxyphosphines taken with IKS-11 spectrograph showed the characteristic frequency of the P-H bond (2270-2440 cm⁻¹). Dehydration of V and VI with diethylethylenediamine gave products with bp 140° C (1 mm) and 78° C (0.5 mm), respectively; the structure, according to their elemental composition, molecular weight, spectral analysis, and chemical properties should correspond to the formula:



Card 3/4

Reaction of Hydrogen Phosphide With
Acetylenic α -Oxides

78259
SOV/79-30-3-13/69

There are 3 tables; and 9 references, 1 U.S., 1 U.K.,
3 German, 4 Soviet. The U.S. and U.K. references are:
H. Beachell, B. Katalafsky, J. Chem. Phys., 27 (1), 182
(1957); Robertson, Fox, J. Chem. Soc., 120, 128 (1928).

ASSOCIATION: Leningrad State University (Leningradskiy gosudarstvennyy
universitet)

SUBMITTED: July 6, 1959

Card 4/4

RISÆTER, I. S.

Effect of perennial lupine on the chlorophyll content in the needles
of Norway spruce. Bot., issel. Bel. otd. VBO nc. 6126-194 '64.
(MIRA 18:7)

GUTENBERG, B. , RIKHTER, K.

Seismic Conditions of the World Translated Under the Editroal Supervision of
V. F. Savarenkiy. eca. izd. Inostrank, Literatur, 1948. (State Publishing
House for Foreign Literature.)

11.273
S/079/62/032/004/010/010
D287/D301

AUTHORS: Khol'tsapfel, Kh., and Rikhter, K.

TITLE: Synthesis of sodium tetraphenylboron in tetrahydrofuran

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 4, 1962, 1358-1359

TEXT: The authors prepared the title compound by using the method described by Nesmeyanov (Ref. 2: Izv. AN SSSR, OKhN, 1955, 187) with the difference that they used tetrahydrofuran distilled over Na instead of the crude solvent. The Grignard reagent (prepared from 27g Mg and 160 g bromobenzene in 260 ml absolute tetrahydrofuran) was treated with 27 g dry NaBF_4 , raising the temperature to 72°C and agitating the mixture for 2 hours on a water bath at 75°C . The mixture was then cooled to 25°C and 200 ml of a saturated solution of NaCl added dropwise; the temperature was kept at 60°C . After separating the yellow layer of tetrahydrofuran the viscous, aqueous bottom layer was re-extracted from 100 ml tetrahydrofuran. The latter was then separated on a water bath, the residue dissolved in

Card 1/2 ✓

Synthesis of sodium ...

S/079/62/032/004/010/010
D287/D301

water, filtered, and treated in the usual manner. The pure sodium tetraphenylsodium was obtained in 27.4 % yield (calculated on NaBF_4) This direct reaction between $\text{C}_6\text{H}_5\text{MgBr}$ and NaBF_4 refutes data obtained by Kh.R. Kozlova and V.A. Pal'm (Ref. 1: Zhurnal obshchey khimii, v. 31, 1961, 2922) although the authors obtained a lower yield of the title compound. There are 2 Soviet-bloc references.

ASSOCIATION: Institut neorganicheskoy khimii universiteta im. K. Marksya, Leyptsig (Institute for Inorganic Chemistry of the University im. K. Marx, Leipzig)

SUBMITTED: December 16, 1961

Card 2/2

RIKHTER, Lev Aleksandrovich; POSHEKHONOV, V.L., inzh., retsenzent;
MOROZOV, G.N., inzh., retsenzent; FRIDKIN, L.M., tekhn.
red.

[Draft and blast in thermal electric power plants] Tiaga i
dut'e na teplovykh elektrostantsiiakh, Moskva, Gosenergo-
izdat, 1962. 199 p. (MIRA 15:12)
(Electric power plants) (Boilers)

RIKHTER, L.A., kand.tekhn.nauk.

Improvement in the aerodynamic characteristics of gas and
air ducts of the TETs-350 standard electric power plants.
Elek.sta. 31 no.4:24-30 Ap '60. (MIRA 13:7)
(Electric power plants---Equipment and supplies)

RIKHTER, L.A., kand.tekhn.nauk

Technical and economical bases for selecting the velocity
of the flow in gas-air pipelines of steam generating units.
Teploenergetika no.4:24-29 Ap '60. (MIRA 13:8)

1. Moskovskiy tekstil'nyy institut.
(Boilers)

RYZHOVA, V. V. (Engr.) and RIKHTER, L. A. (Cand.Tech.Sci.)

"Resistance of Gas and Air Ducts in Boiler Installations and Methods of Regulating the Output of Draught Fans."

A Scientific-Techncial Conference on Auxiliary Equipment for Power Station Boiler Houses. Moscow, 17 - 20 Dec 1957.

Teploenergetika, 1958, No. 4, pp. 90-91. (USSR)

AUTHORS: Birktar, L.I. (and Tech. Ed.) SOV/96-58-12-5/18

TITLE: Technical and economic calculations of temperature heads for air pre-heaters working in conjunction with water economisers.
(Tekhnichesko-ekonomicheskij raschet temperaturnykh naporov dlya vodukhoperedacha pri raspolozhenii gazo v raspolozhenii s vodyanym ekonomizierom.)

PERIODICALS: Teploenergetika 1958, No. 12, pp. 27-31 (USSR)

ABSTRACT: The arrangement of the convection side of a boiler with the first and second stages of both the water economiser and the air heater arranged alternately is shown in Fig.1, which includes the temperature notation used in the article. The corresponding temperature distribution of gas, water and air is charted in Fig.2. The object of the article is to determine the best values of the temperature differences in the different stages. The gas temperatures at the entrance to the convective shaft is given. The temperatures just before the second stage of the air heater should be as high as possible, but are usually limited because the carbon steel walls of the air heater cannot work at temperatures above 480 - 490°C. Hence the heat absorption of the second part of the water-economising stage is pre-determined and in order to calculate the remaining data it suffices to select the air temperature after the first stage of the air heater. An expression is then given for the temperature and head of the cold part of the water-economiser in terms of fuel cost.

Card 1/2

SOV/96-58-12-5/18
Technical and economic calculations of temperature heads for air pre-heaters
working in conjunction with water economiser

heating surface and so on. The temperature differences usually work out as some 200°. The main task of the article is to find the best ratio between the temperature heads on the hot side of the first stage of the air heater and on the cold part of the water economiser. The method of doing this is briefly explained and the necessary formulae are derived. An example is then worked out with relation to a particular type of boiler using a particular grade of coal, and equation (11) is derived for the ratio that is sought. The equation can be used to analyse the effect of altering different factors on the cost and efficiency of the system. Numerical examples of the analyses are given. The influence of the grade of the fuel on the results is exploited, and they are plotted on Fig 3. There are 3 figures and 2 Soviet references.

ASSOCIATION Moscow Textile Institute (Moskovskiy Tekstil'nyy Institut)

Card 2/2

RIKHTER, Lev Aleksandrovich; IDEL'CHIK, I.Ye., kand.tekhn.nauk, retsenzent;
NEVEL'SON, M.I., kand.tekhn.nauk, retsenzent; KORIKOVSKIY, I.K.,
red.; VORONIN, K.P., tekhn.red.

[Aerodynamics of gas and air piping and regulation of blast-draft
machines in electric power stations] Voprosy aerodinamiki gazo-
vozdukhoprovodov i regulirovaniia tiagodut'evykh mashin elektro-
stantsii. Moskva, Gos.energ.izd-vo, 1959. 135 p. (MIRA 12:8)
(Boilers)

RIKHTER, L.A., kand.tekhn.nauk

Engineering and economic design of temperature heads for air preheaters
arranged to operate in conjunction with water economizers [with
summary in English]. Teploenergetika 5 no.12:27-31 D '58.
(MIRA 11:12)

1. Moskovskiy tekstil'nyy institut.
(Boilers--Air preheating)

RIKHTER, L.A.

New types of low-capacity boilers in Czechoslovakia.
Prom.energ. 11 no.11:26-29 N '56.

(MLRA 9:12)

(Czechoslovakia--Boilers)

GIRSHFEL'D, V.Ya., kandidat tekhnicheskikh nauk: RIKHTER, L.A., kandidat
kandidat tekhnicheskikh nauk.

Unit-type electric power stations abroad. Energetik 5 no.3:1-5
Mr '57. (MIRA 10:3)
(United States--Electric power plants)

RIKHTER, L.A., kandidat tekhnicheskikh nauk.

Investigations using mock-up elements of gas and air conduits in power plants. Teploenergetika 4 no.1:21-23 Ja '57. (MLRA 10:3)

1. Moskovskiy tekhsitl'myy institut.
(Boilers--Models) (Electric power plants--Models)

RIKHTER, L.A., kandidat tekhnicheskikh nauk.

Guide device for suction ventilator devices. Prom. energ. 12 no.3:
Prom. energ. 12 no.3:21-24 Mr '57. (MIRA 10:4)
(Boilers)

RIVKIN, L. A.

"Construction of a Simplified Regulating Apparatus for Controlling the Operation
of Ventilators," Prom. Energet., No. 7, 1948.

Mbr., Thermal Engine ring Sect., Moscow Branch, All-Union Sci. & Tech. Soc. Powers
Engineers, -c 1948-.

RIKHTER, L.L.; BOROKOV, K.D.(Simferopol')

Knife for trimming plaster models. Stomatologija no.3:54 My-Je
'55. (MLRA 8:9)

(DENTISTRY, apparatus and instruments,
knife for cutting plaster models)

RIKHTER, L.A., kand.tekhn.nauk

Effect of aerodynamic factors on the efficiency of electric filters.
Elek.sta. 28 no.10:30-35 '57. (MIRA 10:11)
(Boilers)

RIKHTER, L.I. (Simferopol¹)

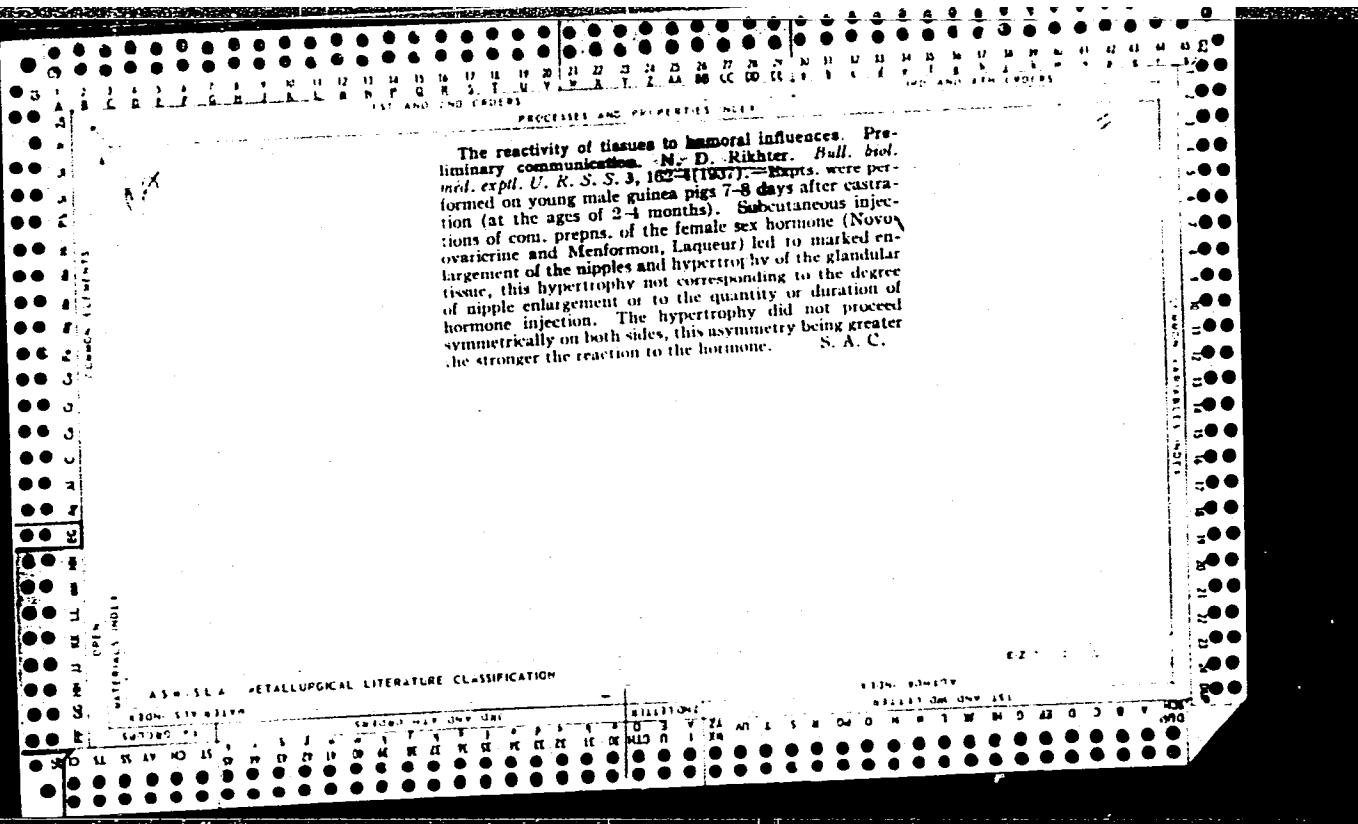
Experience in the use of nonremovable all-steel prostheses.
Stomatologija no.5:47-48 N-D '54. (MLRA 8:1)
(DENTAL PROSTHESIS
steel, unremovable)

RIKHTER, L.Ya., RIKHTER, A.A.

Using gamma rays for studying gas condensate mixtures.
Gaz. prom. 6 no.9:10-12 '61. (MIRA 14:12)
(Condensate oil wells)
(Gamma rays--Industrial applications)

The supposed identity of protein substances (studies of S. S. Perov, A. N. Baksh, M. A. Mukhter and V. S. Burkovich). *Vestn. Akad. Nauk U.S.S.R.* 1948, No. 1, 67-73; *Khem. Referat. Zhur.* 1, No. 11-12, 63 (1948). - On the basis of a no. of chem. reactions and on the similarity of some physicochem. properties some physiologists and biochemists have proposed the existence of a "nucleus" for all proteins. However, the existence of this "mother complex" (so-called by S. S. Perov, cf. C. A. 29, 66129) has never been identified, and its existence remains a hypothesis. Summarizing all investigations on this subject the authors hold the view that the theory that all proteins are composed of this "mother complex," which possesses the properties of an acid and of an anti-complex having the functions of a base, is erroneous, and it does not comply with present-day views on the subject. No chem. nature of the acid, nor its conjugate, nor its structure has ever been detd. The proof of the "sameness" based on identical titration values are not convincing since these values may depend on the conditions of prepn. of the substances. W. R. Hume

1/a



H. K. H. T. L.

CZECHOSLOVAKIA/General Division. Problems of Teaching. A-7

Abs Jour : Ref Zhur-Biologiya, No 20, 1957, 85139

Author : O. Rikhter

Inst :
Title : Corn Raising on School Experimental
Grounds.

Orig Pub : Prirod. vedy skole, 1957, 7, No 2, 168-170

Abstract : No abstract.

Card 1/1

RIKHTER, O.B., inzh.

Using block frames in the construction of apartment house
basements. Transp.stroi. 9 no.2:34-36 F '59. (MIRA 12:5)
(Basements) (Apartment houses)

RIKHTER, Reyngol'd Rudol'fovich; YAMPOL'SKAYA, I.G., red.; BAGINA,
V.Ya., tekhn. red.

[Pneumatic grass drier] Pnevmaticheskaiia sushilka dlja trav.
Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1961. 34 p.
(MIRA 15:1)

(Grasses--Drying) (Hay--Drying)

14-57-7-14920

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 119 (USSR)

AUTHOR: Rikhter, T. D.

TITLE: Problems Related to Snow and the Snow Cover
(Problemy izucheniya snega i snezhnogo pokrova)

PERIODICAL: V sb: Sneg i talye vody. Ikh izucheniye i ispol'-
zovaniye, Moscow, AN SSSR, 1956, pp 5-10

ABSTRACT: Various specialists, who are members of different
scientific institutions and whose backgrounds differ
greatly, have been studying these problems. They
have, consequently, been approached in many different
ways and no uniform method of dealing with them has
yet been devised. Observations are made irregularly
and are not systematically correlated. The Meteoro-
logical Service has been conducting the most sys-
tematic snow cover studies. Snow cover affects surface

Card 1/2

14-57-7-14920

Problems Related to Snow and the Snow Cover (Cont.)

waters, geomorphological processes, the nature and distribution of the soil and vegetable cover, and animal life. These matters have not been receiving their proper share of attention. Therefore, it is essential that the Academy of Sciences USSR set up a scientific center to coordinate all scientific snow studies, devise uniform methods for conducting them, and correlate their results.

O. Ye.

Card 2/2

ACCESSION NR: AT4042139

S/2677/63/000/018/0030/0043

AUTHOR: Malevskiy, A. Yu., Rikhter, T. L., Veres, G. I.

TITLE: Lead-bismuth sulfo salts and isomorphic substitution in them of selenium for sulfur

SOURCE: AN SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy*, no. 18, 1963. Eksperimental'no-metodicheskiye issledovaniya v oblasti mineralogii i geokhimii redkikh elementov (Experimental-methodical studies in the field of mineralogy and geochemistry of rare elements), 30-43

TOPIC TAGS: mineralogy, geochemistry, solid solution, lead sulfide, bismuth sulfide, lead selenide, bismuth selenide, sulfur selenium isomorphism, lead bismuth salt, isomorphic substitution, crystallography, debyogram

ABSTRACT: In a study of the isomorphism of selenium and sulfur in lead-bismuth sulfo salts and the individual characteristics of the salts, a diagram for the polythermal cross sections of the PbS - Bi₂S₃ - Bi₂Se₃ - PbSe system was plotted for melting points up to 600C. The test samples were prepared from the individual elements in quartz vacuum ampules at 900-1200C. The molten material was then cooled rapidly to a temperature 5-10C below the peritectic, held for 10-12 hrs. and annealed for 50-360 hrs. at 600-800C.

Card 1/3

ACCESSION NR: AT4042139

The debyograms of the samples were prepared in a NaCl-calibrated 57.3 mm chamber. The crystallographic characteristics and x-ray examination results of the obtained $Pb_4Bi_2(S_xSe_{1-x})_7$, $Pb_{3-y}Bi_2(S_xSe_{1-x})_{6-y}$, and $PbBi_2(S_xSe_{1-x})_4$ salts are discussed in great detail. Etching with HNO_3 was found to facilitate the revealing of phases. Different degrees of isomorphism of sulfur and selenium were established in different individual compositions. Most of the compositions obtained were found to be combinations of individual compounds (see the Enclosure). Orig. art. has: 12 figures and 1 table.

ASSOCIATION: Institut mineralogii, geokhimii i kristallogimii redkikh elementov AN SSSR (Institute of the Mineralogy, Geochemistry and Crystallochemistry of the Rare Elements, AN SSSR)

SUBMITTED: 00

ENCL: 01

SUB CODE: ES, IC

NO REF SOV: 008

OTHER: 008

2/3

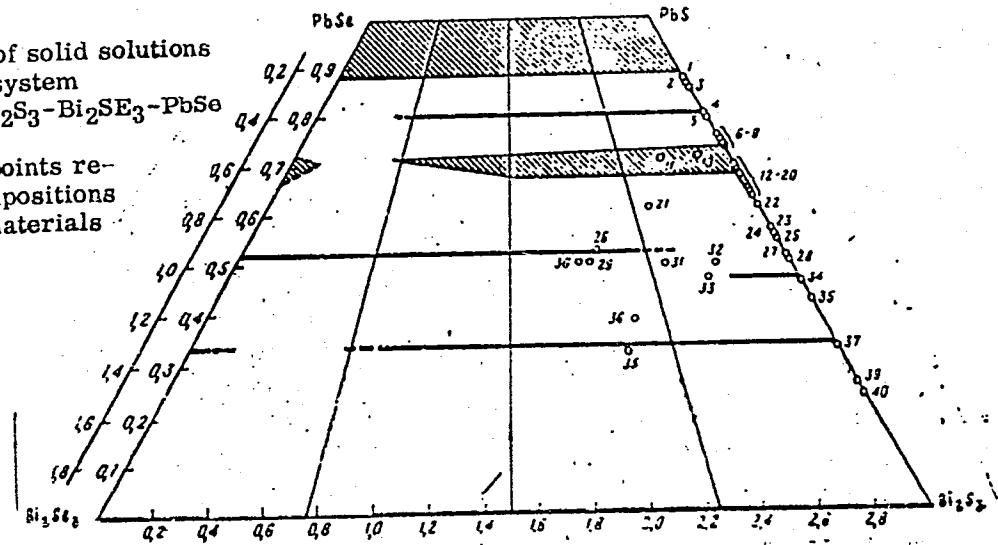
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ACCESSION NR: AT4042139

ENCLOSURE: 01

Fig. 1 - Areas of solid solutions
in the system
 $PbS-Bi_2S_3-Bi_2Se_3-PbSe$

(the numbered points re-
present the compositions
of the natural materials
studied)



3/3

Card

USSR/Cosmochemistry - Geochemistry, Hydrochemistry.

Abs Jour : Ref Zhur - Khimiya, No 9, 1957, 30362

D.

Author : Borodin, L.S., Nazarenko, I.I., Rikhter, T.L.

Inst : Academy of Sciences USSR

Title : The New Mineral Zirconolite -- A Complex Oxide of
 AB_3O_7 Type.

Orig Pub : Dokl. AN SSSR, 1956, 110, No 5, 845-848

Abst : In 1955, was discovered, in a nameless pyroxenic massif, a new zirconium mineral which has been named zirconolite, by analogy with other zirconium minerals (zircon, zirkelite and cyrtolite). In the marginal portions of the massif extensive development of nephelinization processes had occurred. By action of solutions inflowing from nephelinization zones various metasomatic rocks were formed and replacement took place of titanium magnetite, the ore mineral of pyroxenites, by perovskite, sphene and garnet. Separations of zirconolite were observed in metasomatic

Card 1/3

USSR/Cosmochemistry - Geochemistry. Hydrochemistry.

Abs Jour : Ref Zhur - Khimiya, No 9, 1957, 30362

D.

calcite-pyroxene-amphibolite rock with perovskite and sphene, in the form of metamictic separations up to 1 cm in dimension. Single crystalline forms have the shape of depressed octahedrons twinned along (111). The color is grey-brown to black (brownish-yellow streak); color distribution is uneven. Hardness 5.5-6, specific gravity 4.017 (brown) - 4.237 (dark brown). No cleavage cracks. Fracture rough to shelly. Decomposes on heating in HCl and H_2SO_4 . In polished sections yellow or brown, isotropic; refraction index 2.06 ± 0.05 (brown) - 2.17 ± 0.03 (dark brown). X-ray and thermal analyses established the amorphous structure of the mineral. Chemical composition of dark-brown and light-brown zirconolite (respectively, in %): Nb_2O_5 3.26, 2.86; TiO_2 31.69, 29.91; Fe_2O_3 5.49, 4.60; Al_2O_3 1.03, 1.04; MgO 0.45, 0.50; ZrO_2 32.84, 31.17; U_3O_8 1.53, 1.75; ThO_2 0.58, 0.46; Ce_2O_3 6.22, 6.00;

Card 2/3

Gd_2O_3 0.4, Pr_2O_3 0.3, La_2O_3 0.2, Y, Eu, Tb and Dy n. 10^{-2} .

Crystalllochemical formula: $(Ca_{0.76}Ce_{0.15}Na_{0.04}U_{0.02}Th_{0.01})$

$0.98Zr_{1.03}(Ti_{1.53}Fe_{0.27}Nb_{0.01}Al_{0.01})^{1.00}$ CIA-RDP86-00513R0014

In the opinion of the authors, zirkelite from Ceylon (Blake G.S., Smith H., Mining Mag., 1913, 16, No 77) and zirconolite are, respectively, the uranium-thorium and the rare-earth varieties of the same mineral species.

Card 3/3

MALEVSKIY, A.Yu.; RIKHTER, T.L.; VERESM G.I.

Lead-bismuth sulfo salts and isomorphic substitution of selenium
for sulfur in them. Trudy IMGRE no.18:30-43 '63. (MIRA 16:12)

RIBETKA, V., Candidate Math sci -- (diss) "Certain limit
theorems for the probabilities of large deviations." Len,
1985, 7 pp (Len Order of Lenin State Univ im A.A. Zhdanov)
120 copies. Bibliography at end of text (10 titles)

- 19 -

KHASYMSKI, M.; KEL'M, M. [Kelm, M.]; SHIDLOVSKAYA, S. [Szydlowska, S.];
GORAK, B. [Horak, B.]; RIKHTER, V.

From public reports of the heads of the delegations of socialist
countries. Tekh. est. 2 no.8:7-11 Ag '65. (MIRA 18:9)

1. Direktor TSentra promyshlennoy estetiki, khudozhestvennogo proyektirovaniya i konstruirovaniya Narodnoy Respublikи Bolgarii (for Khasymski).
2. Predsedatel' Soveta po khudozhestvennomu konstruirovaniya Germaneskoy Demokraticeskoy Respublikи (for Kel'm).
3. General'nyy sekretar' Soveta po tekhnicheskoy estetike pri Predsedatele Soveta Ministrov Pol'skoy Narodnoy Respublikи (for Shidlovskaya).
4. Zamestitel' ministra promyshlennosti tovarov shirokogo potrebleniya, zamestitel' predsedatelya Soveta po tekhnicheskoy estetike Chekhoslovatskoy Sotsialisticheskoy Respublikи (for Gorak).
5. Direktor TSentra khudozhestvennogo konstruirovaniya v Zagrebe Sotsialisticheskoy Federativnoy Respublikи Jugoslavii (for Rekhter).

52-III-1-9/9

AUTHOR: Rikhter (Richter), V. (Leningrad)

TITLE: Multi-Dimensional Local Limit Theorems for Large Deviations. (Mnogomernyye lokal'nyye predel'nyye teoremy dlya bol'sikh ukloneniy).

PERIODICAL: Teoriya veroyatnostey i yeye primeneniya, 1958, Vol.III, Nr.1, pp.107-114. (USSR)

ABSTRACT: Two theorems are proved which are similar to theorems proved in Ref.1. Let there be given a sequence $x^{(1)}, x^{(2)}, \dots$ of independent similarly distributed m -dimensional stochastic vectors with a general distribution function $V(\xi)$, $\xi = (x_1, \dots, x_m) \in R_m$. Suppose that all mixed second moments of the vector $x^{(1)}$, $\sigma^{kj} = E(X_k^{(1)} - EX^{(1)})(X_j^{(1)} - EX^{(1)})$, $B_2 = \|\sigma^{kj}\|$, exist. Suppose also that $\Delta = \det B_2 \neq 0$. Then let $\xi = (x_j)$, $v = (v_j)$, $t = (t_j) \dots$ be m -dimensional row vectors, $0 = (0, \dots, 0)$; $|\xi|$ the length of the vector ξ ,

arc L/6

52-III-1-9/9

Multi-Dimensional Local Limit Theorems for Large Deviations.

$$dt = dt_1 \dots dt_m, \langle v, \xi \rangle = \sum_{j=1}^m v_j k_j \text{ the scalar}$$

product of the vectors v, ξ .

Theorem 1. Let $\mathbb{E}X^{(j)} = 0$,

$$z_n = \frac{\sum_{j=1}^n x^{(j)}}{\sqrt{n}}$$

and suppose that the following conditions are fulfilled:

(A) there exists a natural number n_0 such that

z_{n_0} has bounded density $p_{z_{n_0}}(\mathbf{x})$, (B) there exists

(card 2/6) a positive number c such that for all m -dimensional

52-III-1-9/9

Multi-Dimensional Local Limit Theorems for Large Deviations.

vectors $v \in R_m$, $|v_j| < a$, the integral

$$\int_{R_m} e^{\langle v, \xi \rangle} dV(\xi).$$

converges. Then for sufficiently large n there is an inversion formula

$$p_{z_n}(\xi) = \frac{n^{\frac{m}{2}}}{[2\pi i]^m} \int_{c_j - i\infty}^{c_j + i\infty} \dots \int_{c_j - i\infty}^{c_j + i\infty} e^{-\sqrt{n}\langle \zeta, \xi \rangle} M^n(\zeta) d\zeta, \quad (\text{Eq. 4})$$

and if $|x_j| > 1, |x_j| = o(\sqrt{n})$ as $n \rightarrow \infty$;Card 3/6 $j = 1, 2, \dots, m$, then

52-III-1-9/9

Multi-Dimensional Local Limit Theorems for Large Deviations.

$$\frac{p_{Z_n}(r)}{\varphi(r)} = \exp \left[n \sum_{k=3}^{\infty} Q_k \left(\frac{r}{\sqrt{n}} \right) \right] \left[1 + o\left(\frac{|r|}{\sqrt{n}}\right) \right] \quad (\text{Eq.1})$$

Here $\varphi(r)$ is the density of the m-dimensional particular normal distribution

$$\varphi(r) = \frac{e^{-\frac{1}{2} r^T B_2^{-1} r}}{[2\pi]^{\frac{m}{2}} \Delta^{\frac{1}{2}}} \quad (\text{Eq.2})$$

$Q_x(r)$ is a semi-linear form of the kth-degree, the coefficients of which are uniquely determined by the given distribution $V(r)$. The series

$\sum Q_k(v)$ converges for all v of sufficiently small length. For latticed stochastic vectors we have

Card 4/6

52-III-1-9/9

Multi-Dimensional Local Limit Theorems for Large Deviations.

Theorem 2. Suppose for simplicity that $X^{(1)}$, $X^{(2)}$, ... can take only integral values \mathbf{t} (vectors from R_m with integral components). Let $p(\mathbf{t}) = P\{X^{(j)} = \mathbf{t}\}$ and $P_n(\mathbf{t}) = P\left\{\sum_{j=1}^m X^{(j)} = \mathbf{t}\right\}$, and let

the following conditions be fulfilled: (A) the distribution of the vectors $X^{(j)}$ is such that the greatest common divisor of the volumes of the m -dimensional simplexes, all $m+1$ vertices of which occur at integral points \mathbf{t} for which $p(\mathbf{t}) > 0$, when multiplied by $m!$ is equal to unity. (B) there exists a positive number a such that for all \mathbf{t} , $|v_j| \leq a$, the series

$$\sum_{\mathbf{t}} p(\mathbf{t}) e^{\langle \mathbf{u}, \mathbf{t} \rangle}$$

Card 5/6 converges. If we put $\mathbf{x} = \frac{\mathbf{t} - na}{\sqrt{n}}$, $a = EX^{(1)}$,

52-III-1-9/9

Multi-Dimensional Local Limit Theorems for Large Deviations.

and if $|x_j| > 1$, $|x_j| = o(\sqrt{n})$ as $n \rightarrow \infty$;

$j = 1, 2, \dots, m$, then

$$\frac{n^{\frac{m}{2}} P_n(t)}{\varphi(t)} = \exp \left[n \sum_{k=3}^{\infty} Q_k \left(-\frac{|t|}{\sqrt{n}} \right) \right] \left[1 + o\left(\frac{|t|}{\sqrt{n}}\right) \right], \quad (\text{Eq.3})$$

where $\varphi(t)$ and $Q_k(t)$ are as defined in Theorem 1.

There are 2 Soviet references.

SUBMITTED: March 18, 1957.

AVAILABLE: Library of Congress.

1. Stochastic processes 2. Algebraic functions 3. Integral
functions

Card 6/6

USCOMM-DC-54849

RIKHTER, V.A.

Testing of the hydrocyclone for sand separation in the Yaroslavl
Starch and Molasses Combine. Sakh.prom. 37 no.9:54-58 S '63.
(MIRA 16:9)

1. Yaroslavskiy opornyj punkt TSentral'nogo nauchno-issledovatel'skogo
instituta krakhmalo-patochnoy promyshlennosti.
(Yaroslavl—Starch industry)
(Separators(Machines)—Testing)

RIKHTER, V.A.

New species of robber flies (Diptera, Asilidae) of the Caucasus.
(MIRA 16:8)
Ent. oboz. 42 no.2:455-467 '63.
1. Zoologcheskiy institut AN SSSR, Leningrad.
(Caucasus--Robber flies)

RIKHTER, V.A.

Corn germ separation in hydrocyclones. Sakh.prom. 37 no.7:63-66
(MIRA 16:7)
J1 '63.

1. Yaroslavskiy opornyj punkt TSentral'nogo nauchno-issledovatel'skogo
instituta krakhmalo-patochnoy promyshlennosti.
(Corn starch) (Separators (Machines))

RIKHTER, V.A.

Fruit flies (Diptera, Trypetidae) of the Soviet Far East. Zool.
zhur., 42 no.5:770-772 '63. (MIRA 16:7)

1. Zoological Institute of the Academy of Sciences of the U.S.S.R.,
Leningrad.
(Soviet Far East—Fruit flies)

RIKHTER, V.A.

Checkered beetles (Coleoptera, Cleridae) in the U.S.S.R.
Trudy Vses ent. ob-va 48:63-128 '61. (MIRA 17:2)

RIKHTER, V.A.

Robber flies of the genus *Dysmachus* Loew (Diptera, Asilidae)
in the Caucasus. Ent. oboz. 41 no.2:436-446 '62. (MIRA 15:11)
(Caucasus—Robber flies)

RICHARD, Paul

New fauna from Oaptera, "Typewriter" in the fauna of the U.S.S.R.
Sov. Zool. zhur. 42, no. 1:130-138 1965.

1965-08-01

S. Paleogeography Institute of USSR, Leningrad.

BRAZIL, U.S.

Re: *Studies of Internal Press Desecration, Brazil, 1964-1974*.
286-200-162.

RIKHTER, V.A.

New genus of robber flies (Diptera, Asilidae) from Central
Asia. Zool.zhur. 41 no.11:1746-1749 N '62. (MIRA 16:1)

I. Zoological Institute, Academy of Sciences of the U.S.S.R.,
Leningrad.
(Soviet Central Asia—Robber flies)

RIKHTER, V. A.; IVANOV, V. A.

Rare fish in trawl catches. Priroda 52 no.1:107-108 '63.
(MIRA 16:1)

1. Baltiyskiy nauchno-issledovatel'skiy institut morskogo
rybnogo khozyaystva i okeanografii, Kaliningrad.

(Atlantic Ocean--Fishes)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444"

REF ID: A6513

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(MIRA 1708)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

RIKHTER, V.A.

Robber flies of the genus Antiphrisson Loew (Diptera, Asilidae)
in the Caucasus. Dokl. AN Arm. SSR 37 no.1:43-47 '63.

(MIRA 16:11)

1. Zoologicheskiy institut AN SSSR. Predstavлено akademikom AN
Armyanskoy SSR V.O. Gulkanyanom.

KUZNETSOV, Yu.P., inzh.; RIKHTER, V.A., inzh.

Compactness indicator of a rolled layer. Stroi. i dor. mash.
(MIRA 17:1)
8 no.11:23-25 N '63.

RIKHTER, V.A.

New and little-known species of robber flies(Diptera, Asilidae) in
the fauna of Transcaucasia. Dokl. AN Arm.SSR 38 no.1:53-57 '64.
(MIRA 17:4)

1. Zoologicheskiy institut AN SSSR. Predstavлено akademikom AN Arm-
yanskoy SSR V.O.Gulkanyanom.

RIKHTER, V.A.

Testing the vibratory sifter for the refining of starch
milk. Sakh. prom. 36 no.7:59-69 Jl '62. (MIRA 17:1)

1. Opornyy punkt TSentral'nogo nauchno-issledovatel'skogo
instituta krakhmalo-patochnoy promyshlennosti pri Yaroslavskom
patochnom kombinate.

RIKHTER, V.A.

Robber flies of the genus *Neotitamus* Ost.-Sack. (Diptera. Asilidae)
in the Caucasus. Dokl. AN Arm. SSR 36 no.1:51-57 '63.
(MIRA 17:1)

1. Zoologicheskiy institut AN SSSR. Predstavлено akademikom
AN Armyanskoy SSR V.O. Gulkanyanom.

L 65019-65 EWT(m)/T/EWP(j) RM
ACCESSION NR: AP5022014

UR/0286/65/000/014/0083/0083
620.178.152.512:678.065

15

B

AUTHOR: Rikhter, V. A.

TITLE: Sensor for determining radial deformation in pneumatic tires.
Class 42, No. 173016

SOURCE: Byulleten' izobreteniya i tovarnykh znakov, no. 14, 1965, '83

TOPIC TAGS: tire deformation sensor, pneumatic tire

ABSTRACT: An Author Certificate has been issued for a sensor for determining radial deformation in pneumatic tires. To simplify construction and to improve measurement accuracy and reliability of operation, the sensor consists of two induction coils, one of which is mounted on the rim of the pneumatic tire; this coil has ends for connecting to a current source. The other coil is mounted on the outer surface of the tire's cavity and has ends which connect to secondary instruments for measuring and recording deformation magnitude (see Fig. 1 of Enclosure). Orig. art. has: 1 figure. [LB]

ASSOCIATION: none

Card 1/9

L 65019-65

ACCESSION NR: AP5022014

SUBMITTED: 18Apr64

NO REF Sov: 000

ENCL: 01

SUB CODE: 1E, EE

OTHER: 000

ATD PRESS:

Card 2/3

L 65019-65

ACCESSION NR: AP5022014

ENCLOSURE: 01

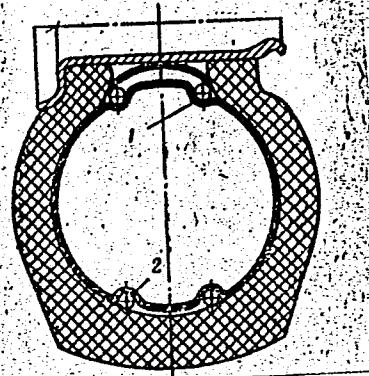


Fig. 1. Deformation sensor ar-
rangement

1 - Primary coil; 2 - secondary
coil.

mcb
Card 3/3

Journal of Health Politics, Policy and Law, Vol. 33, No. 3, June 2008
DOI 10.1215/03616878-33-3-633 © 2008 by the University of Chicago

Measurement of soil moisture by slogan method under water capillary sorption recorder. Gidc. Imai. Jpn. J. Soil Sci. 1951, 22, 185-191.

1. Gosudarstvennyy vsesoyuznyy lekorazvivayushchiy filial po zdravookhranitel'skym institut.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

RIKHTER, V.A.

Review of fruit flies (Diptera, Trypetidae) of Kazakhstan.
Ent. oboz. 44 no.1:141-150 '65. (MIRA 18:7)

l. Zoologicheskiy institut AN SSSR, Leningrad.

RIKHTER, V.A.

Control of the zero point during measurement with wire resistance
transducers. Izm.tekh. no.5:21-23 My '63. (MIRA 16:10)

RIKHTER, V.A.

Reducing the losses in molasses production. Sakh. prom. 36
no. 12:41-43 D 1962. (MIRA 16:6)

1. Yaroslavskiy opornyj punkt TSentral'nogo nauchno-issledovatel'skogo instituta krakhmal'no-patochnoy promyshlennosti.
(Molasses)

RIKHTER, V.A.

Using separators. Sakh. prom. 33 no. 8:66-69 Ag '59.
(MIRA 12:11)

1.Opornyy punkt TSentral'nogo nauchno-issledovatel'skogo instituta
krakhmal'no-patochnoy promyshlennosti (TsNIKPP) pri Yaroslavskom
kombinate.

(Yaroslavl--Starch industry--Equipment and supplies)
(Separators (Machines))

PEVZNER, G.M.; RIKHTER, V.A.

Battery hydrocyclones in the manufacture of potato-starch. Sakh.
prom. 33 no.5:53-57 My '59. (MIRA 12:7)

1.TSentral'nyy nauchno-issledovatel'skiy institut krakhmal'no-
patochnoy promyshlennosti.
(Starch industry—Equipment and supplies)
(Separators (Machines))

AUTHOR: Rikhter, Vol'fgang (Leningrad) 20-119-4-7/59

TITLE: The Limit Behavior of the Distribution χ^2 in the Case of Large Deviations (Predel'noye povedeniye raspredeleniya χ^2 v sluchaye bol'sikh otkloneniy)
USSR,

PERIODICAL: Doklady Akademii Nauk, 1958, Vol 119, Nr 4, pp 652-654 (USSR)

ABSTRACT: Let a sequence of independent measurements of the same random variable be considered. $s+1$ different incompatible results are assumed to be possible which occur with the positive probabilities

$p_1, \dots, p_{s+1}, \sum_{j=1}^{s+1} p_j = 1$. Let ν_j be the number of the occurrences of the j -th result for n first tests $\sum_{j=1}^{s+1} \nu_j = n$,

$E\nu_j = np_j$. Let

$$\chi^2 = \sum_{j=1}^{s+1} \frac{(\nu_j - np_j)^2}{np_j}$$

Theorem: A. If $\tau = o(n^{1/6})$ for $n \rightarrow \infty$, then

Card 1/3

The Limit Behavior of the Distribution χ^2 in the Case 20-119-4-7/59
of Large Deviations

$$P\{\chi^2 > \tau^2\} = \frac{1}{2^{s/2} \Gamma(s/2)} \int_{\tau^2}^{\infty} x^{\frac{s}{2}-1} e^{-\frac{x}{2}} dx [1 + o(1)]$$

B. Let $\tau = O(\sqrt{n})$ for $n \rightarrow \infty$, $\tau > 1$; let $D > 4s$ be a fixed sufficiently large number. Then

$$P\{\chi^2 > \tau^2\} = \frac{1}{[2^s]^{s/2}} \left\{ \dots \right\} \exp \left\{ -\frac{\|\alpha\|^2}{2} \right\} +$$

$$\tau^2 \leq \|\alpha\|^2 \leq D\tau^2$$

$$+ n \sum_{k=3}^{\infty} Q_k \left(\frac{\tau}{\sqrt{n}} \right) d\gamma \left[1 + O\left(\frac{\tau}{\sqrt{n}}\right) \right] + R$$

where $R = P\{\chi^2 > D\tau^2\} < 2s \exp - \frac{D\tau^2}{4s}$

for $\tau < \alpha \sqrt{n}$, a certain $\alpha > 0$ and all n .

Card 2/3

SOV/43-59-1-3/17

16(1)

AUTHOR:

Rikhter, V.

TITLE:

Precise Statement of an Inequality of S.N.Bernshteyn for
Large Deviations (Utochneniye odnogo neravenstva S.N.
Bernshteyna dlya bol'sikh ukloneniy)

PERIODICAL: Vestnik Leningradskogo universiteta, Seriya matematiki, me-
khaniki i astronomii, 1959, Nr 1(1), pp 24-29 (USSR)

ABSTRACT: Let a sequence of independent random variables X_j , $EX_j=0$,

$DX_j = \sigma_j^2$, $s_n^2 = \sum_{j=1}^n \sigma_j^2$ be given. Let $v_j(y)$ be the distribution
function of X_j .

Theorem: For $|z| < \beta$ it is assumed $k \leq \left| \int_{-\infty}^{\infty} e^{zy} dv_j(y) \right| \leq k$.

Then it is

$$P\left\{ \sum_{j=1}^n X_j > s_n x \right\} \leq e^{-\frac{x^2}{2} + \frac{x^3}{s_n} \lambda_n(\frac{x}{s_n})}$$

Card 1/2

Precise Statement of an Inequality of S.N.Bernshteyn SOV/43-59-1-3/17
for Large Deviations

$$P\left\{\sum_{j=1}^n x_j < -s_n x\right\} \leq e^{-\frac{x^2}{2} - \frac{x^3}{s_n} \lambda_n(\frac{-x}{s_n})}$$

for $0 < x < s_n \alpha$. Here $\lambda_n(t)$ is a convergent series for $|t| < \alpha$
(the same as in Ref 2, theorem 1). A second theorem pre-
sents a partial generalization to the multidimensional case.
The first theorem improves the inequalities of S.N. Bern-
shteyn from Ref 1, p 162.
There are 3 Soviet references.

SUBMITTED: May 25, 1957

Card 2/2

RIKHTER, Vol'fgang [Richter, Wolfgang].

Limit behavior of the χ^2 distribution in case of large deviations.
Dokl. AN SSSR 119 no.4:652-654 Ap '58. (MIR 11:6)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.
Predstavлено akademikom I.M. Vinogradovym.
(Mathematical statistics)

SOV/115- 59-2-14/38

24(3)

AUTHOR: Konovalov, M.D., Rikhter, V.A., Tarapin, V.N.

TITLE: A Photoelectric Apparatus for Measuring Torque (Foto-elektricheskiy pribor dlya izmereniya krutyashchikh momentov)

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 2, pp 28-29
(USSR)

ABSTRACT: The photoelectric apparatus, developed by Professor S.A. Strelkov is for measuring torque on shafts of building and road construction machines. There are two variants of this apparatus, one for installing on shafts which may be removed for this purpose, and the second for non-removable shafts. The apparatus works on storage batteries, which is very valuable during field tests. Torque measurement is done by light waves. The paper then describes briefly how both variants function. Tests made so far show that under field conditions, the degree of error is 3-4% and under laboratory conditions, it may be reduced to 2%. This apparatus has proved invaluable

Card 1/2

SOV/115- 59-2-14/38

A Photoelectric Apparatus for Measuring Torque

in measuring torque of excavators, snow ploughs and other building and road construction machines. The editorial staff notes that the torsional gauge, developed and described by V.I.Zelenskiy in "Izmeritel'naya tekhnika", Nr 1, 1958, was designed on the principles of Professor Strelkov's photoelectric apparatus. There are 2 diagrams and 1 graph.

Card 2/2

RIKHTER, V.A.

Two new species of robber flies (Dipter, Asilidae) from Transcaucasia. Dokl. AN Arm. SSR 37 no.5:293-297 '63. (MIRA 17:9)

1. Zoologicheskiy institut AN SSSR. Predstavлено akademikom AN Armyanskoy SSR V.O. Gulkanyanom.

RIKHTER, V.A.

Use of hydrocyclones in the starch and sirup industry. Sakh.
prom. 34 no.1:62-65 Ja '60. (MIRA 13:5)

1. Opornyy punkt TSentral'nogo nauchno-issledovatel'skogo
instituta krokhmalo-patochnoy promyshlennosti na Yaroslavskom
patochnom kombinate.
(Yaroslavl--Starch industry--Equipment and supplies)

RIKHTER, V.A.

Technological testing of a triple-effect evaporator manufactured by
the "Komsomolets" machine shop. Sakh. prom. 35 no. 2:65-67 F '61.
(MIRA 14:3)

1. Opornyy punkt TSentral'nogo nauchno-issledovatel'skogo instituta
krakhmalo-patochnoy promyshlennosti pri Yaroslavskom potochnom
Kombinate.

"(Evaporating appliances)

FURSOV, N.I.; RIKHTER, V.A.

A new representative of the genus Trichodes Herbst (Coleoptera,
Cleridae) from Central Asia. Ent. oboz. 37 no. 3:708-709 '58.
(MIRA 11:10)
(Soviet Central Asia--Checkbred beetles)

RIKHTER, V.A.

Materials on the systematics and geographical distribution of
beetles of the genus Trichodes Herbst (Coleoptera, Cleridae) in
Central Asia and Kazakhstan [with summary in English]. Ent. oboz.
37 no. 3:710-716 '58. (MIRA 11:10)

I. Kafedra entomologii Leningradskogo gosudarstvennogo universiteta,
Leningrad.

(Soviet Central Asia--Checkered beetles)
(Kazakhstan--Checkered beetles)

RIKHTER, V.A.

Robber flies of the genus Ommatius Becker (Diptera, Asilidae) in
the fauna of the U.S.S.R. [with summary in English]. Ent. oboz. 39
no.1:200-204 '60. (MIRA 13:6)

i. Zoologicheskiy institut Akademii nauk SSSR, Leningrad.
(Robber flies)

RIKHTER, V.A.

New species of robber flies (Diptera, Asilidae) from
Transcaucasia. Dokl. AN Arm. SSR 31 no. 4:245-249 '60.
(MIRA 13:12)

1. Zoologicheskiy institut Akademii nauk SSSR. Predstavлено
ададемиком АН Армянской ССР В.О.Гулкянаном.
(Transcaucasia--Robber flies)

RIKHTER, V.A.

Materials on the robber flies (Diptera, Asilidae) of Transcaucasia.
Izv. AN Arm. SSR. Biol. nauki 13 no.10:101-104 '60. (MIRA 13:12)

J. Zoologicheskiy institut Akademii nauk SSSR, Leningrad.
(TRANSCAUCASIA—ROBBER FLIES)

RIKHTER, V.A.

Some materials on the characteristics of the rosefish stock (Newfoundland region). Trudy EaltNIRO no.7:154-155 '61. (MIRA 15:2)
(Newfoundland--Rosefish)

RIKHTER, V.

Rikhter, V. "The representation of glaciers on topographic maps," Trudy Mosk. in-ta inzhenerov geodezii, aerofotos" yemki i kartografi, Issue 2, 1949, p. 49-56.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

RIKHTER, V. G.

"Coastal Banks Formed of Refuse and Peat," Problemy Fizicheskoy Geografii (Problems of Physical Geography), Vol. 16, Symposium, Moscow, 1951.

U-1483, 25 Sept 51

RIKHTER, V. G.

Trees

Formation of circular thawed patches around trees. Priroda 41 No. 5, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952.

RIKHTER, V.O.

An error in determining the configuration of the Caspian Sea shore line in connection with the lowering of its water level. Izv.AN SSSR Ser.geog. no. 4-75-76 Jl-Ag '53. (MLIA 6:8)

I. Institut geologicheskikh nauk Akademii nauk SSSR.
(Caspian Sea--Shore lines) (Shore lines--Caspian Sea)

USSR/Geophysics - Sculptured Reliefs
Geology

11 May 53

"Formation of Sculptured Relief as a Result of Crumbling Rocks in the Productive Layers
of Apsheron," V. G. Rikhter, Inst of Geol Sci, Acad Sci USSR

DAN SSSR, Vol 90, No 2, pp 271-273

States that the appearance of mentioned ~~regularities~~ phenomena can foretell the form of sculptured relief, which is very important for aerogeological work, where great significance is attached to the relief forms of geologically outcropped areas, as in the geological structure of the studied area. Presented by Acad D. S. Belyankin, 13 Mar 53.

RIKHTER, V. G.

User/ Geology - Shore lines

Card 1/1 Pub. 45 - 5/15

Authors : Rikhter, V. G.

Title : New data about ancient shore lines on the bottom of the Caspian sea

Periodical : Izv. AN SSSR. Ser. geog. 5, 57 - 63, Sep - Oct 1954

Abstract : A study is made of terraces on the underwater slopes of the Caspian sea, which are taken to be ancient shore lines. The changes in shore line are attributed to action during the Quaternary Period. Evidence of the shore line shrinking is also present. The study involves the analysis of the materials forming the bottom of the sea from which the time of the development of certain depressions is determined. Six Soviet references (1939 - 1953). Graphs; tables.

Institution: Acad. of Sc., USSR, Institute of Geographic Sciences

Submitted:

USSR/Geology - Volcanoes

Card 1/1 : Pub. 86 - 24/35

Authors : Kulakova, L. S., and Rikhter, V. G.

Title : Submarine mud-volcano in the Caspian Sea

Periodical : Priroda 44/2, 113 - 114, Feb 1955

Abstract : The discovery of mud volcanoes in the Caspian Sea is related. These sometimes form islands, some of which disappear under the action of currents and waves. Soundings also reveal banks from such volcanoes, which do not reach the surface of the water. Figures are given of depths and dimensions. The pattern of the location of these areas of volcanic action is explained. Two USSR references (1931 - 1952). Map; diagrams.

Institution : The Acad. of Sc. of the USSR, Institute of Geological Sciences

Submitted :

Rikhter, V.

Changes in the chemical composition of sandstones by subaqueous weathering. V. G. Rikhter. *Doklady Akad. Nauk S.S.R.* 103, 905-8 (1955); cf. M. V. Klenova (*Akad. V. I. Vernadskomy k Pyatidesyatilieyu Nauch. i Pedagog. Deyatel.* 1-2 (1936)).—R. studied the chem. changes in weathered sandstones from the productive Pliocene formation of the Caspian Sea basin. The exts. with 10% HCl were analyzed, especially the CaO extd. from the calcitic cement of the sandstone grains, further MgO, Al₂O₃, Fe₂O₃, the insol. residue, ignition loss, and hydration H₂O. Every sandstone was analyzed in its weathered surface parts, and in the unchanged central cores, some also in an intermediate layer 1.5 cm. below the surface. Besides the expected changes in CO₂, H₂O, etc., in these different parts of the rocks, a distinct increase in Fe₂O₃ and MgO in the central parts was observed while Al₂O₃ shows a tendency to decrease. If, however, the constituents dissolved in the 10% HCl are calcd., R₂O₃ and MgO are highest in the surface layers of the weathered rocks in all of the samples. The decrease in CaO in the exterior parts is very typical. The water of the Caspian Sea is satd. in CaCO₃, and chem. sedimentation of calcite, cementation, and oolite formation on the bottom of the sea are very common. Further, the sea water is high in MgCl₂ and MgSO₄. The sum of the HCl-extd. oxides systematically decreases with increasing degree of subaqueous weathering of the rocks. In subaerial weathering the sum of the oxides, however, is increased in the surface layers; as a consequence of the leaching away of easily sol. salts of K and Na. In general, the chem. types of the weathering at the atm. and under water are not much different, only the degree of weathering may be influenced by the conditions in which it occurs. W. Eitel

RIKHTER, V.G.; MAYEV, Ye.G.

New geological data on the Mangyshlak steppe. Dokl.AN SSSR 10⁴ no.5:
761-764 O '55. (MLRA 9:2)

I.Institut geologicheskikh nauk Akademii nauk SSSR. Predstavлено aka-
demikom N.S.Shatskim.

(Mangyshlak Peninsula--Steppe)

RIKHTER, V.G.

History of the Kara-Bogaz-Gol sand bars. Dokl.AN SSSR 105 no.3:
543-546 N '55. (MIRA 9:3)

1. Institut geologicheskikh nauk Akademii nauk SSSR. Predstavлено
академиком D.I. Shcherbakovym.
(Kara-Bogaz-Gol--Sand bars)

RIKHTER, V.G.

The nature of recent tectonic movements of Krasnovodsk Peninsula.
Izv.AN SSSR.Ser.geog. no.3:63-67 My-Je '56. (MLRA 9:11)

1. Institut geologicheskikh nauk AN SSSR.
(Krasnovodsk Peninsula--Earth movements)

RIKHTER, V.G.

The existence of the central Caspian arid lands and a comparison of
the productive strata of Apsheron and Turkmenia. Biul. MOIP.Otd.
geol.31 no.1:51-61 Ja-F '56. (MIRA 9:7)
(Caspian Sea region--Geology)

Rikhter, V.G.
SUBJECT: USSR/Geology

5-2-7/35

AUTHOR: Rikhter, V.G.

TITLE: On the Evaluation of the Repeated Levelling Method for Studying Modern Tectonic Movements (Ob otsenke metoda povtornogo nivelirovaniya pri izuchenii sovremennykh tektonicheskikh dvizheniy)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy 1957, # 2, pp 105-120 (USSR)

ABSTRACT: The problem of studying modern tectonic movements has a very great theoretical and practical importance for the proper choice of sites for hydrotechnical constructions, tunnels, power plants, etc.

Analyzing several examples of using the method of repeated levelling, the author came to the following conclusions:

1. Repeated levelling, although being one of the most precise methods from the technical viewpoint, yields accidental results, and movement speeds obtained by this method do not reflect actual speeds during the period of time passed between the levellings.

Card 1/3

5-2-7/35

TITLE: On the Evaluation of the Repeated Levelling Method for Studying Modern Tectonic Movements (Ob otsenke metoda povtornogo nivelirovaniya pri izuchenii sovremennoykh tektonicheskikh dvizheniy)

The article contains 7 graphs, 2 maps and 3 tables.
The bibliography lists 25 references, 20 of which are Slavic.

ASSOCIATION: Not indicated.

PRESENTED BY:

SUBMITTED: No date indicated

AVAILABLE: At the Library of Congress.

Card 3/3